



TREATING WATER. **BETTER.**™

# Alum

## TECHNICAL DATA

### PROPERTIES

Alum is an aqueous solution manufactured by dissolving alumina tri-hydrate (ATH) into water and sulfuric acid.

### APPLICATIONS

For drinking water and wastewater treatment, alum is used to remove of suspended matter and phosphorus and as a coagulant/flocculent for the removal of suspended matter and phosphorus.

### PHYSICAL PROPERTIES

Color	Clear to amber or light green
Scent	None
Density	11.0-11.2 Lbs/Gal
pH ( <i>neat</i> )	2.0-2.4
% Al <sub>2</sub> O <sub>3</sub>	8-8.4%
% Basicity	0-0.4%

### DIRECTIONS FOR USE

Municipal and industrial water and wastewater treatment for the removal of turbidity, color, suspended solids and phosphorus. Sludge compaction and volume reduction. Lagoon treatment. Oily wastewater clarification and dissolved air flotation. Emulsion breaking.

### WARNINGS

Liquid Alum may cause irritation to the skin, eyes and respiratory tract. Avoid contact with skin, eyes and clothing. Anyone procuring, using or disposing of these products or their containers must be familiar with the appropriate safety and handling precautions.

### PACKAGING

This product is available in 5 gal jugs, 15 gal and 55 gal drums.

### IMPORTANT

Read and understand label and Safety Data Sheet (SDS) for complete listing of hazards, precautions, first aid statements, and storage and handling information. SDS Sheets are available from the distributor of this product.

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